

Converting Colors

XYZ(26.9635, 29.2765, 15.2447)

Have a look what the booklet for
XYZ(26.9635, 29.2765, 15.2447)
contains.

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Color

**XYZ(26.9993, 29.3953,
15.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9460
RGB	159, 148, 96
RGB Percent	62%, 58%, 38%
CMY	0.3765, 0.4196, 0.6235
CMYK	0.00, 0.07, 0.40, 0.38
HSL	50°, 25%, 50%
HSV	50°, 40%, 62%
XYZ	26.9993, 29.3953, 15.3172
YIQ	145.3610, 23.2480, -13.8400

Conversions

Conversions Part 2

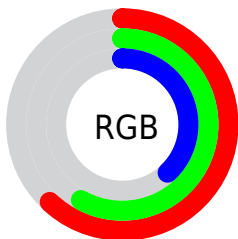
Format	Color
RYB	109, 159, 96
Decimal	10458208
CIELab	61.13, -3.77, 28.96
CIELCh	61, 29.209, 97.418
Yxy	29.3953, 0.3765, 0.4099
Android (android.graphics.Color)	4288648288 (0xFF9F9460)
YUV	145.3610, -24.3350, 11.9614
Hunter-Lab	54.2174, -5.9907, 21.2019

Details

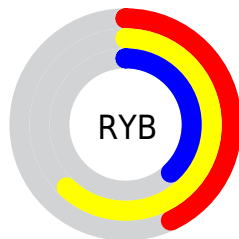
The XYZ color **26.9993, 29.3953, 15.3172** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3394, 15.5049, 34.9324**, and the grayscale version is **27.1506, 28.5645, 31.1068**.

A 20% lighter version of the original color is **54.4113, 58.7947, 36.0845**, and **10.8450, 12.0129, 4.5434** is the 20% darker color. If you saturate the color by 10%, you get **25.9102, 28.2725, 11.7007**, and if you desaturate by 10%, it is **28.2484, 30.6009, 19.7183**.

Distribution



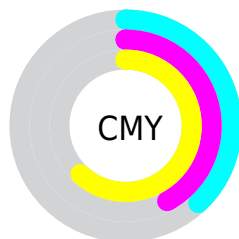
- Red (62%)
- Green (58%)
- Blue (38%)



- Red (43%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (38%)





- Cyan (38%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9993, 29.3953, 15.3172 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.9993, 29.3953, 15.3172 by changing the saturation by 10% instead.


 26.9993, 29.3953,
15.3172


 26.9993, 29.3953,
15.3172


279.8213,
299.0755, 236.9847


 17.7093, 19.3801,
8.8932


 54.3026, 58.7046,
36.1588


 10.8399, 11.9452,
4.5757


 73.0467, 78.7674,
51.4136

 6.0258, 6.7064,
1.9462


 95.6728, 102.9481,
70.4489

 2.9016, 3.2792,
0.5219

 122.5462,
131.6313, 93.6835

 1.1019, 1.2792,
0.0000

154.0325,
165.2012, 121.5359

 0.0267, 0.1250,
0.0000

190.4968,

 0.0000, 0.0000,

204.0423, 154.4245

0.0000

232.3047,
248.5390, 192.7679

■ 26.9993, 29.3953,
15.3172

■ 26.9993, 29.3953,
15.3172

■ 25.9102, 28.2725,
11.7007

■ 28.2484, 30.6009,
19.7183

■ 24.9699, 27.2248,
8.8195

■ 29.6635, 31.8887,
24.9454

■ 24.1690, 26.2493,
6.6218

■ 31.2532, 33.2632,
31.0394

■ 23.4963, 25.3414,
5.0483

■ 33.0246, 34.7274,
38.0378

■ 22.9383, 24.4957,
4.0293

■ 34.9845, 36.2842,
45.9759

■ 22.4652, 23.7000,
3.4078

■ 37.1393, 37.9362,
54.8872

■ 22.4478, 23.6704,
3.3857

■ 39.4951, 39.6860,
64.8035

■ 42.0578, 41.5360,
75.7552

■ 44.8329, 43.4886,
87.7712

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8637, 29.3953, 16.2155



26.9993, 29.3953, 15.3172



23.6993, 29.3953, 18.0083

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.9993, 29.3953, 15.3172



22.4892, 29.3953, 46.6080



35.3054, 29.3953, 40.8074

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.9993, 29.3953, 15.3172



16.3394, 15.5049, 34.9324

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.6571, 29.3953, 51.8488



26.9993, 29.3953, 15.3172



25.2059, 29.3953, 55.6961

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.9993, 29.3953, 15.3172



21.2546, 29.3953, 34.8074



28.9010, 29.3953, 57.8061



35.8965, 29.3953, 29.3600

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.9993, 29.3953, 15.3172



22.1822, 29.3953, 21.9397



28.9010, 29.3953, 57.8061



34.6152, 29.3953, 44.7599

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.0000, 29.3967, 15.3178



55.1988, 58.9146, 52.5906



21.1640, 16.8101, 16.1917



12.3656, 13.2146, 11.5524



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.0000, 29.3967, 15.3178



46.5323, 50.7718, 21.3696



25.1654, 31.1341, 15.7499



7.0716, 7.5232, 7.0651



17.7570, 18.7495, 2.6831



0.3412, 0.3826, 0.0559

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.3394, 15.5049, 34.9324



24.6168, 22.2280, 61.7364



17.6370, 14.5789, 34.6852



6.3737, 6.6132, 8.3472



5.2888, 2.6691, 26.1437



0.1174, 0.0933, 0.4751

Previews

White Background



This preview shows how the XYZ color 26.9993, 29.3953, 15.3172 looks on a white background.

Color Contrast Check

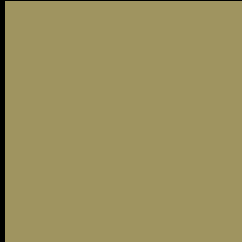
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.9993, 29.3953, 15.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9993, 29.3953, 15.3172

Background



This preview shows how black text looks on a background with the XYZ color 26.9993, 29.3953, 15.3172.



This preview shows how white text looks on a background with the XYZ color 26.9993, 29.3953,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.9993, 29.3953, 15.3172

Protanopia

27.1984, 29.4979, 15.3265

Deuteranopia

29.8140, 29.2599, 15.3856



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

26.9993, 29.3953, 15.3172

Protanomaly

27.1984, 29.4979, 15.3265

Deuteranomaly

28.7085, 29.3556, 15.4624

Tritanomaly

29.2424, 29.3990, 25.9631

Monochromacy



Original Color

26.9993, 29.3953, 15.3172

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6873, 28.5741, 24.1875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9993, 29.3953, 15.3172 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(159, 148, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 96)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(159, 148, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.9993, 29.3953, 15.3172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 148, 96) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(159, 148, 96) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(159, 148, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9993, 29.3953, 15.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 96) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(159,  
148, 96) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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